

LIGHT STIMULATING AND COLLECTING METHODS AND APPARATUS FOR STORAGE-PHOSPHOR IMAGE PLATES

ABSTRACT OF THE DISCLOSURE

Methods and apparatus are described for retrieving information from a storage medium. A first portion of the surface of the storage medium is exposed to stimulating light which diffuses in the storage medium under a second portion of the surface adjacent the first portion. The second portion of the surface is shielded from exposure to the stimulating light. Stimulated light corresponding to the information is received with at least one detector positioned to receive the stimulated light via the second portion of the surface of the storage medium. The stimulated light is released from the storage medium in response to the stimulating light diffused under the second portion of the surface.